Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
Data File : BG028939.D
Acq On : 26 Sep 2017 11:49
Operator : SJ/JU
Sample : I5385-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 092117-SIDI-F-U-M

Quant Time: Sep 26 13:45:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 12:06:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	26533	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	103511	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	78706	20.00	ng	0.00
63) Phenanthrene-d10	17.65	188	242795	20.00	ng	0.00
75) Chrysene-d12	21.96	240	282775	20.00	ng	0.00
86) Perylene-d12	25.42	264	284949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	81713	50.82	ng	0.00
7) Phenol-d6	7.44	99	67081	27.71	ng	0.00
23) Nitrobenzene-d5	9.45	82	239464	110.67	ng	0.00
41) 2,4,6-Tribromophenol	16.38	330	159996	122.91	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	634390	107.48	ng	0.00
78) Terphenyl-d14	20.23	244	1391754	104.96	ng	0.00
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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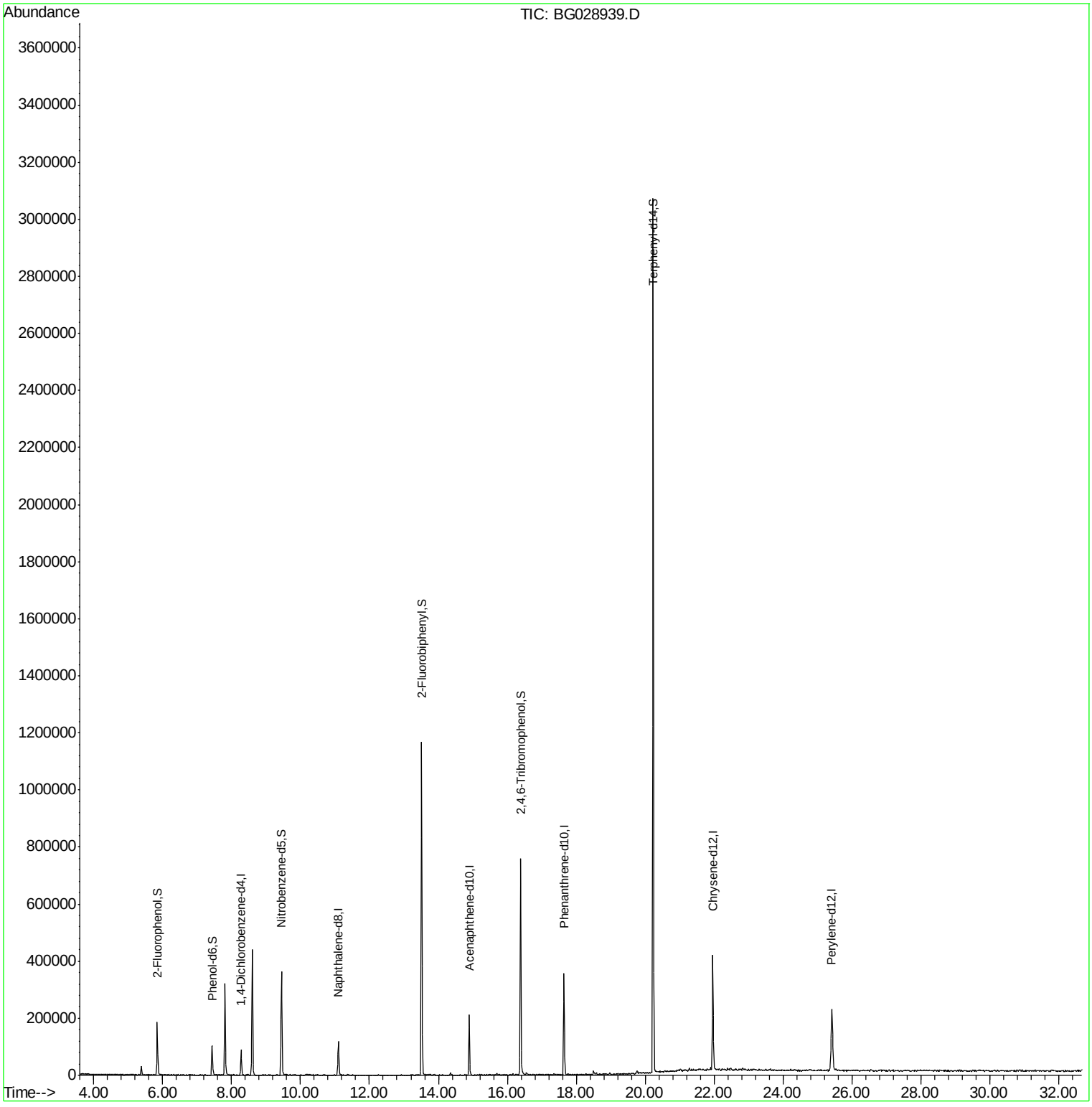
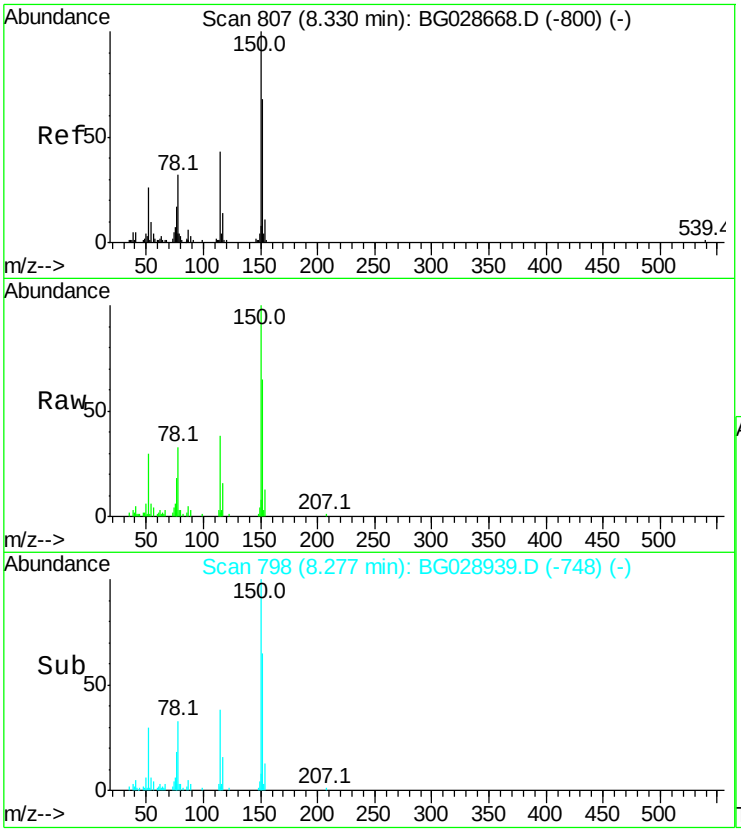


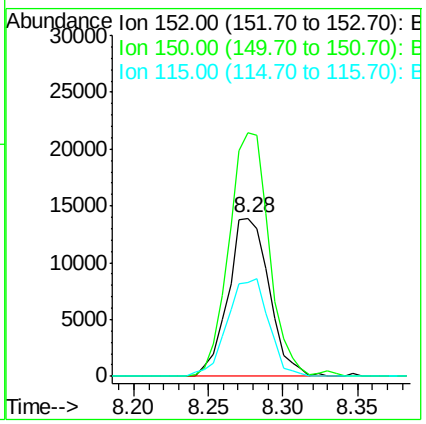


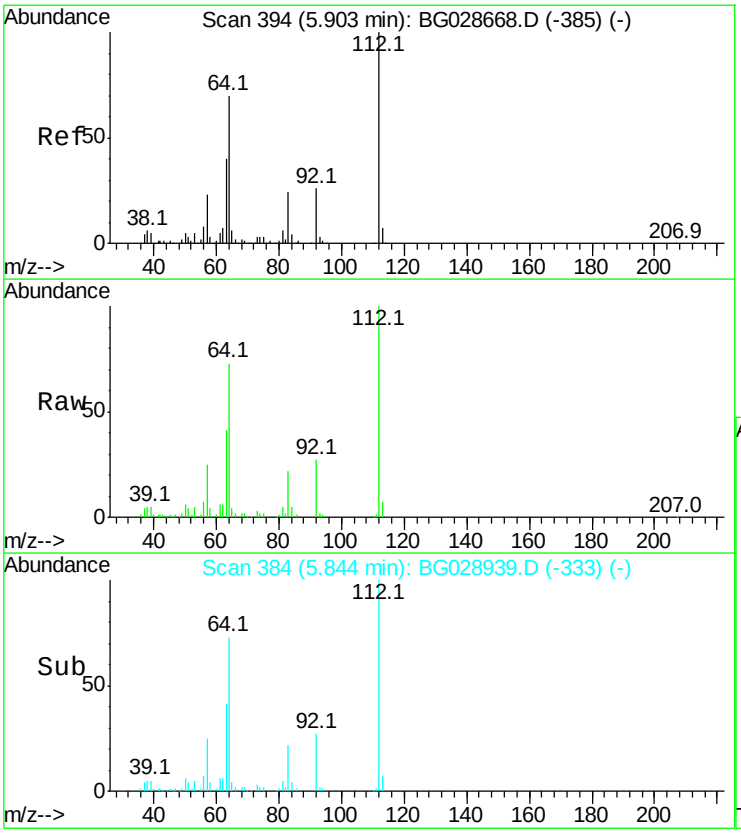
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.01 min
Lab File: BG028939.D
Acq: 26 Sep 2017 11:49

Instrument :
BNA_G
ClientSampleId :
092117-SIDI-F-U-M

Tgt Ion:152 Resp: 26533

Ion	Ratio	Lower	Upper
152	100		
150	153.8	114.0	171.0
115	58.9	48.1	72.1

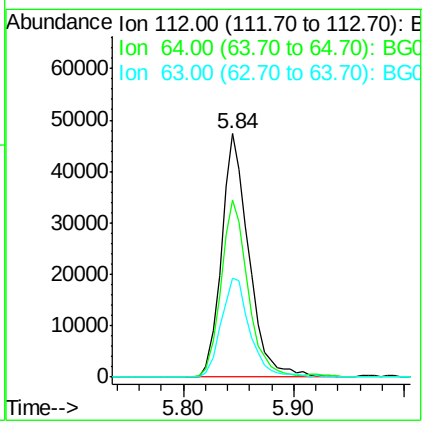


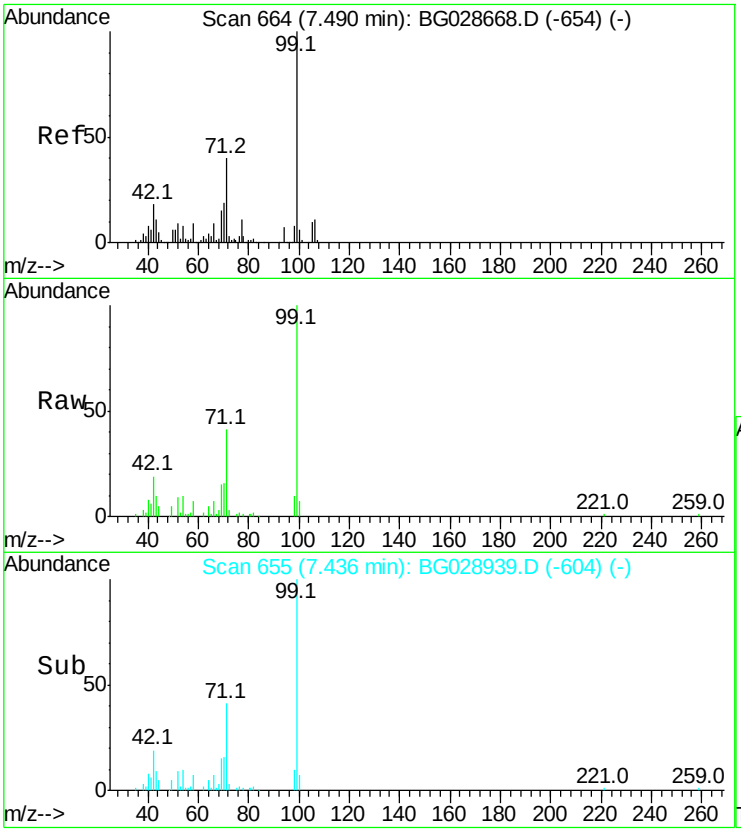


#5
2-Fluorophenol
Concen: 50.816 ng
RT: 5.84 min Scan# 384
Delta R.T. 0.00 min
Lab File: BG028939.D
Acq: 26 Sep 2017 11:49

Tgt Ion:112 Resp: 81713

Ion	Ratio	Lower	Upper
112	100		
64	72.6	61.8	92.6
63	40.5	37.2	55.8



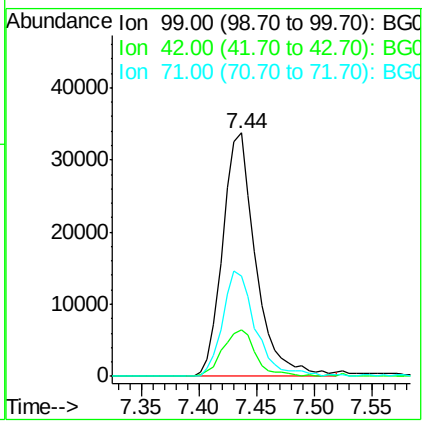


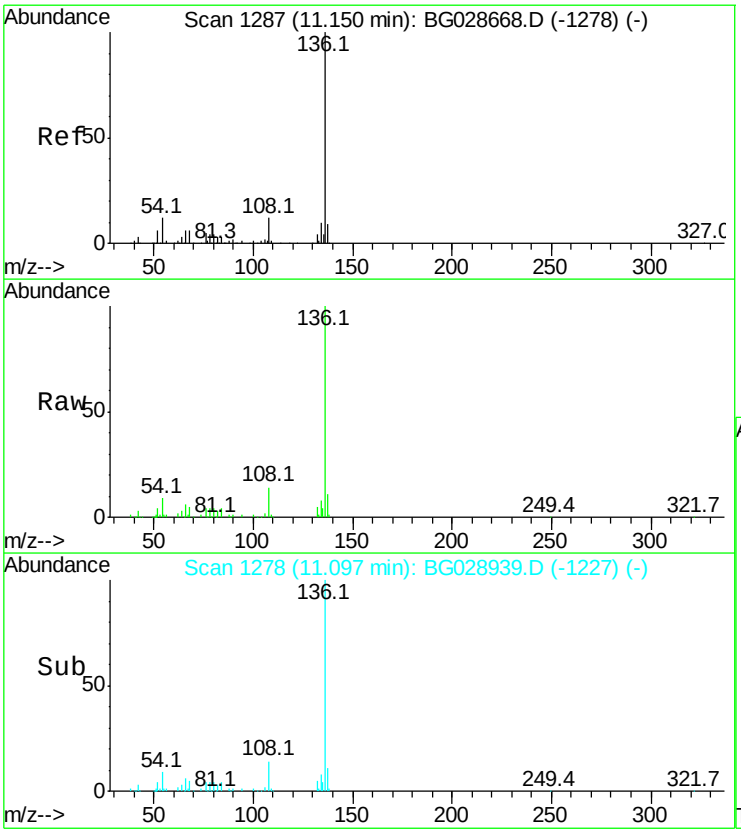
#7
Phenol-d6
Concen: 27.707 ng
RT: 7.44 min Scan# 655
Delta R.T. 0.00 min
Lab File: BG028939.D
Acq: 26 Sep 2017 11:49

Instrument :
BNA_G
ClientSampleId :
092117-SIDI-F-U-M

Tgt Ion: 99 Resp: 67081

Ion	Ratio	Lower	Upper
99	100		
42	19.2	20.5	30.7#
71	41.1	37.6	56.4

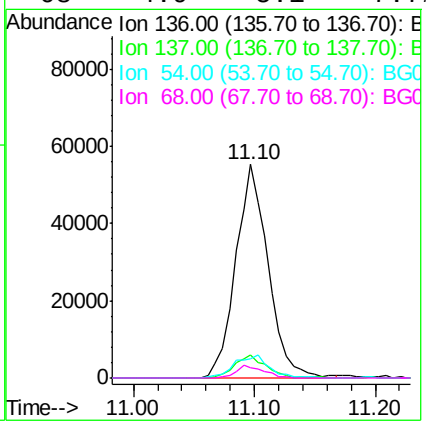


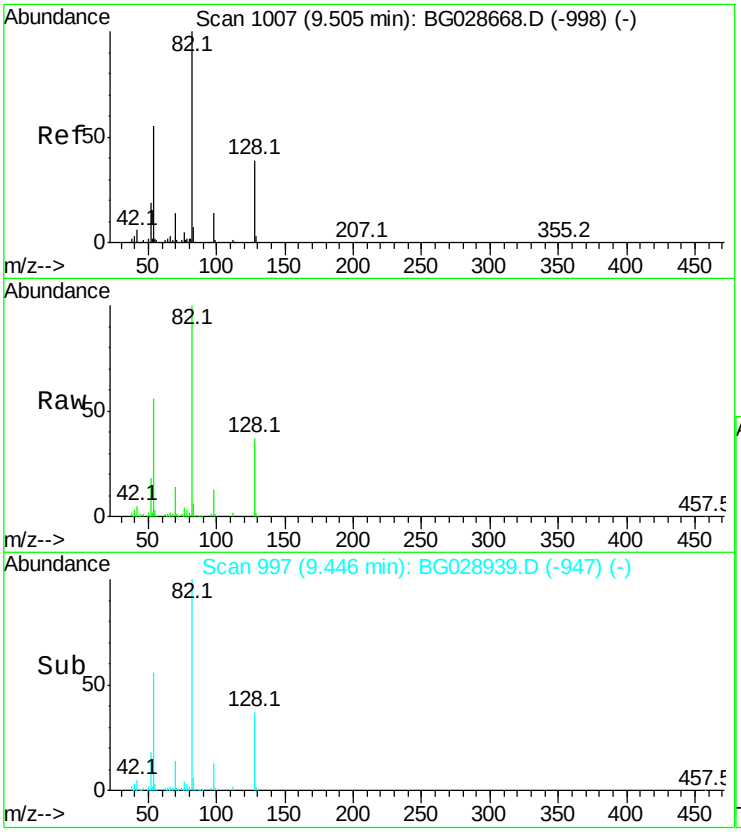


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.10 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BG028939.D
Acq: 26 Sep 2017 11:49

Tgt Ion:136 Resp: 103511

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.2	9.3	13.9#
68	4.9	5.1	7.7#



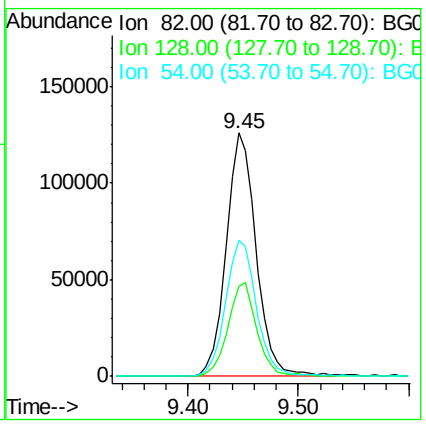


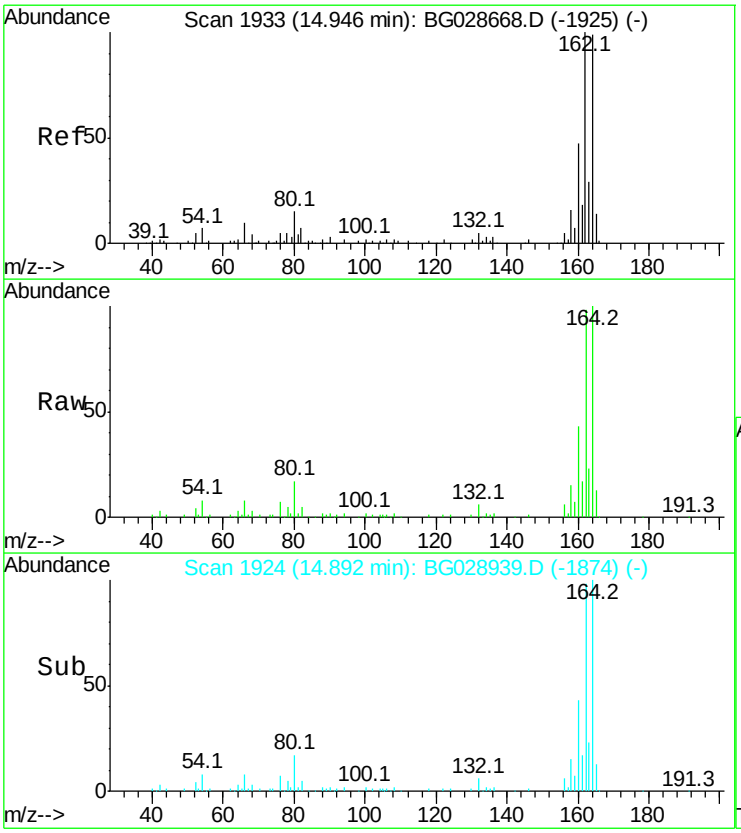
#23
Nitrobenzene-d5
Concen: 110.668 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG028939.D
Acq: 26 Sep 2017 11:49

Instrument :
BNA_G
ClientSampleId :
092117-SIDI-F-U-M

Tgt Ion: 82 Resp: 239464

Ion	Ratio	Lower	Upper
82	100		
128	36.8	26.4	39.6
54	55.7	49.4	74.2

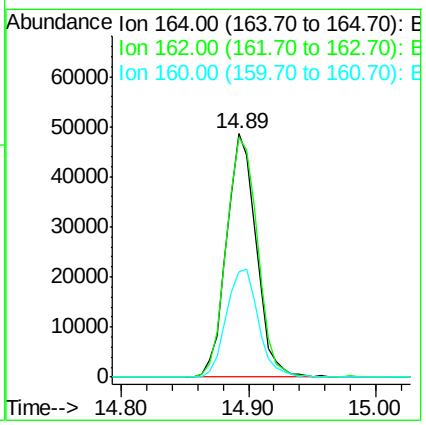


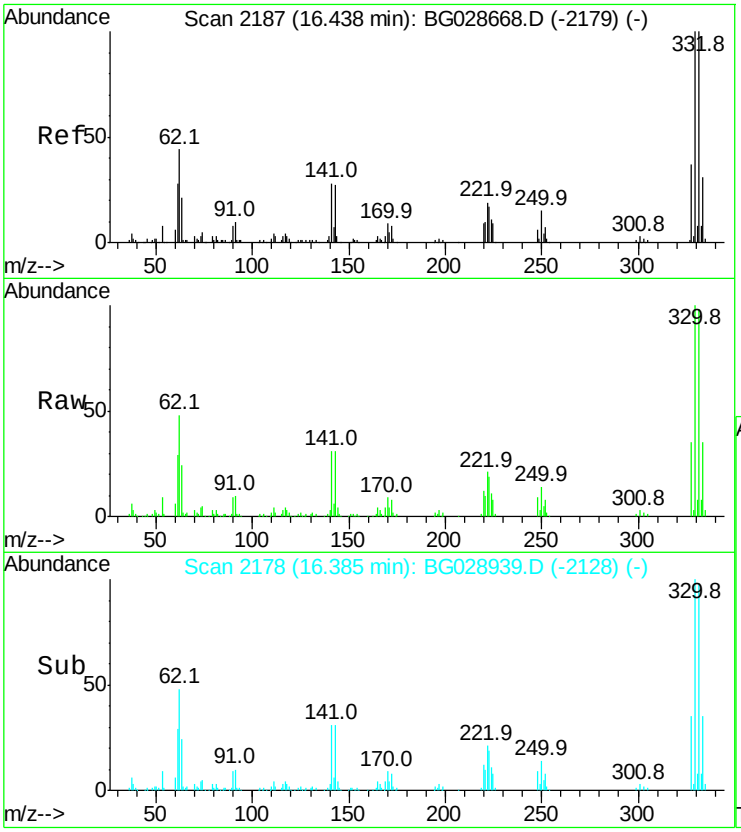


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BG028939.D
Acq: 26 Sep 2017 11:49

Tgt Ion:164 Resp: 78706

Ion	Ratio	Lower	Upper
164	100		
162	98.4	85.1	127.7
160	43.3	34.7	52.1



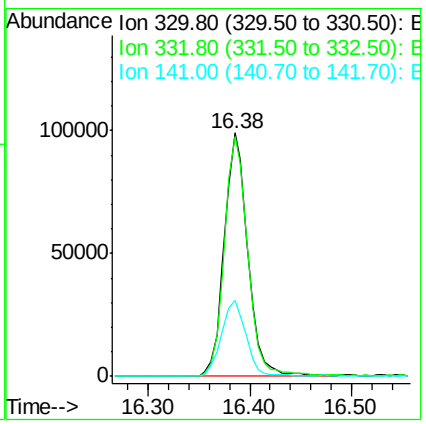


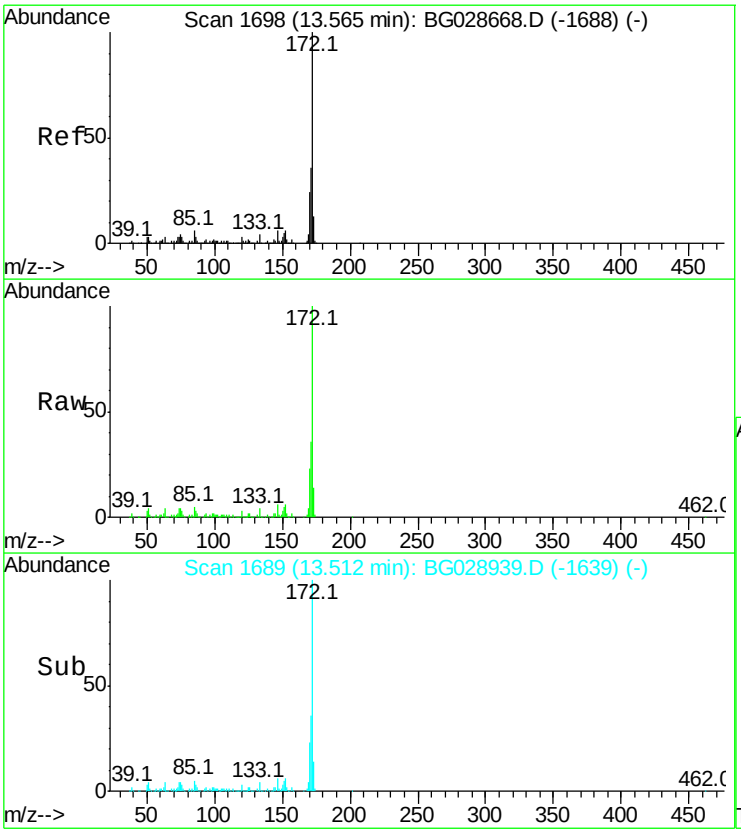
#41
2,4,6-Tribromophenol
Concen: 122.908 ng
RT: 16.38 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BG028939.D
Acq: 26 Sep 2017 11:49

Instrument :
BNA_G
ClientSampleId :
092117-SIDI-F-U-M

Tgt Ion:330 Resp: 159996

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.3	115.9
141	32.6	32.1	48.1

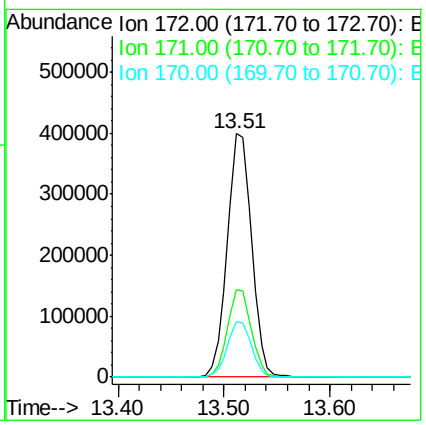


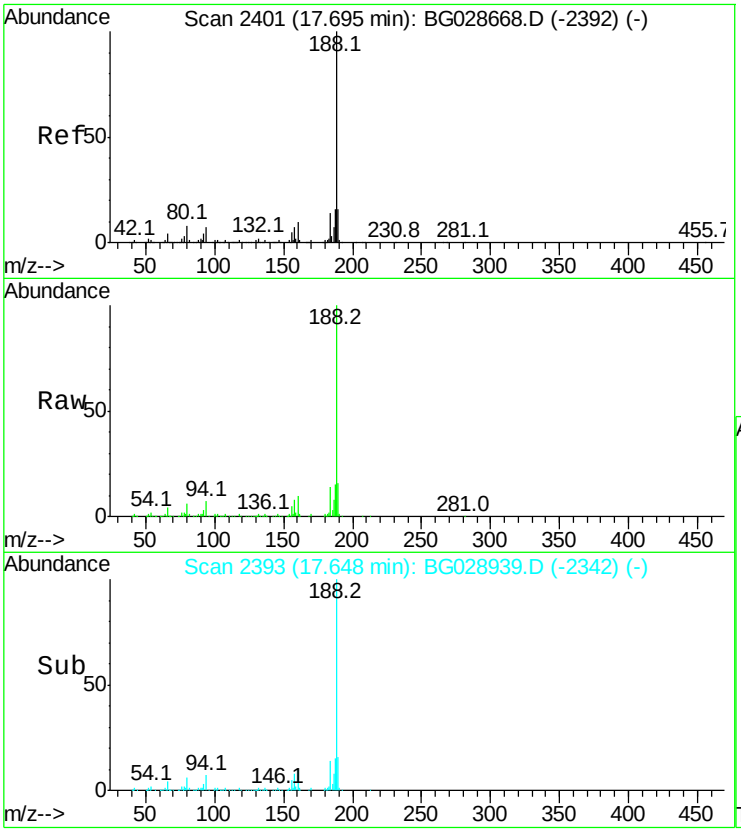


#44
2-Fluorobiphenyl
Concen: 107.477 ng
RT: 13.51 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BG028939.D
Acq: 26 Sep 2017 11:49

Tgt Ion:172 Resp: 634390

Ion	Ratio	Lower	Upper
172	100		
171	36.1	32.2	48.2
170	22.7	21.8	32.6



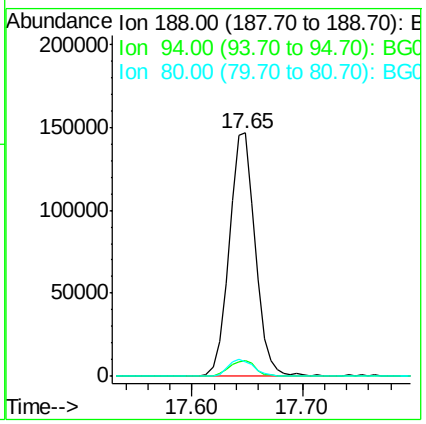


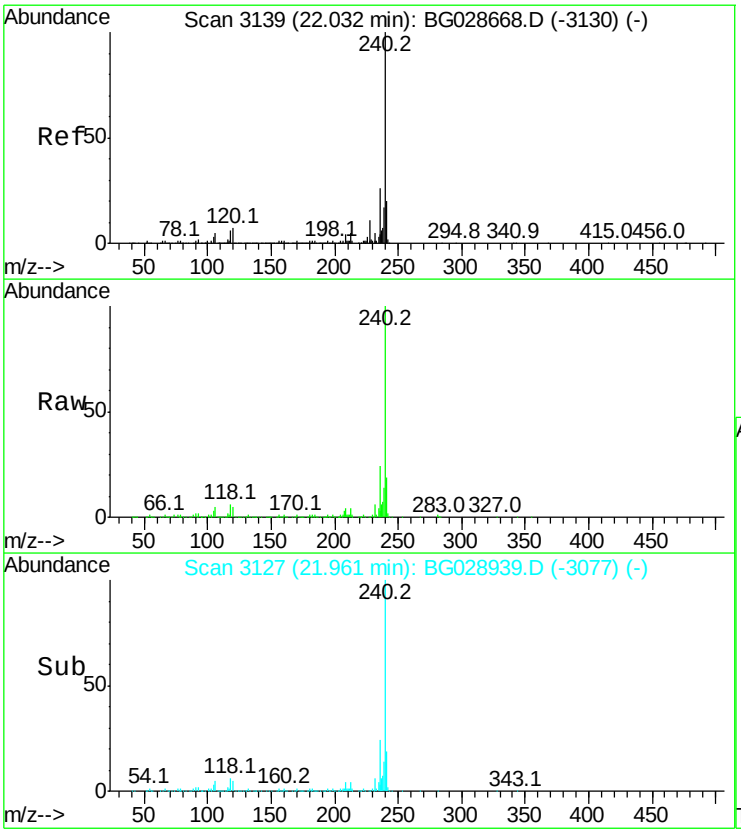
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BG028939.D
Acq: 26 Sep 2017 11:49

Instrument :
BNA_G
ClientSampleId :
092117-SIDI-F-U-M

Tgt Ion:188 Resp: 242795

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.8	8.8
80	6.0	7.5	11.3#

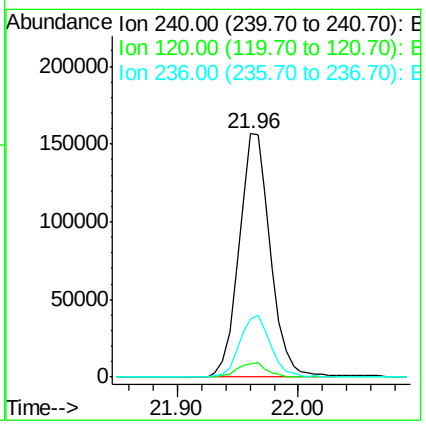


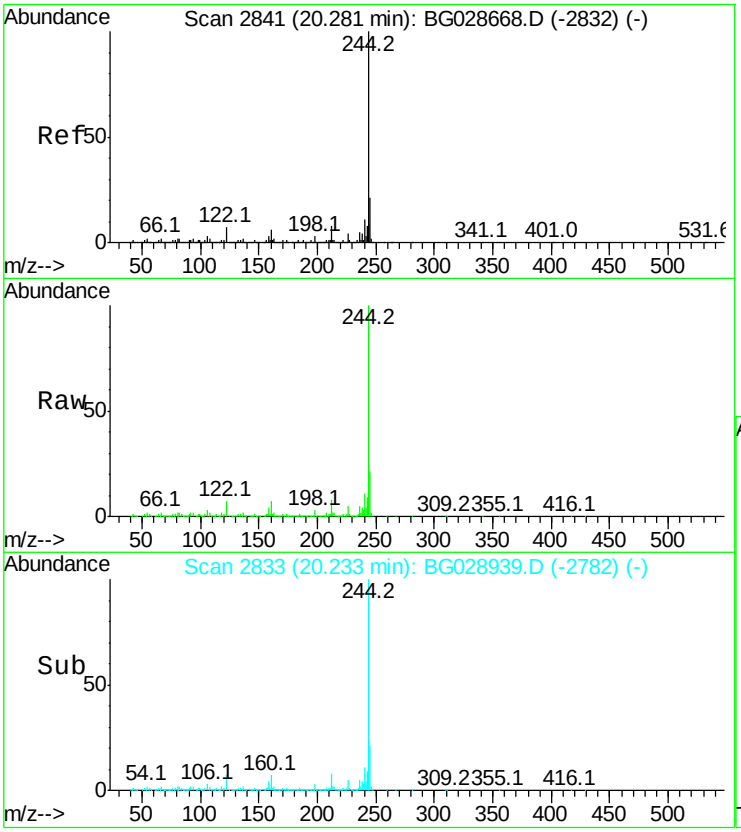


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.96 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG028939.D
Acq: 26 Sep 2017 11:49

Tgt Ion:240 Resp: 282775

Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.7	8.5#
236	23.8	22.2	33.4



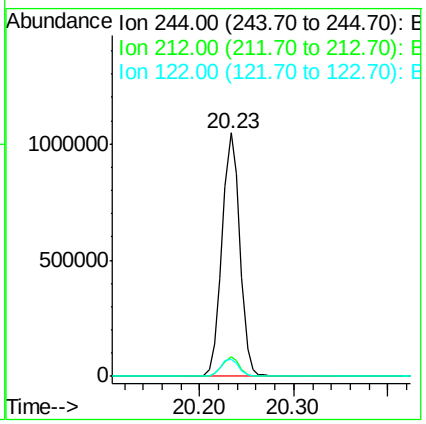


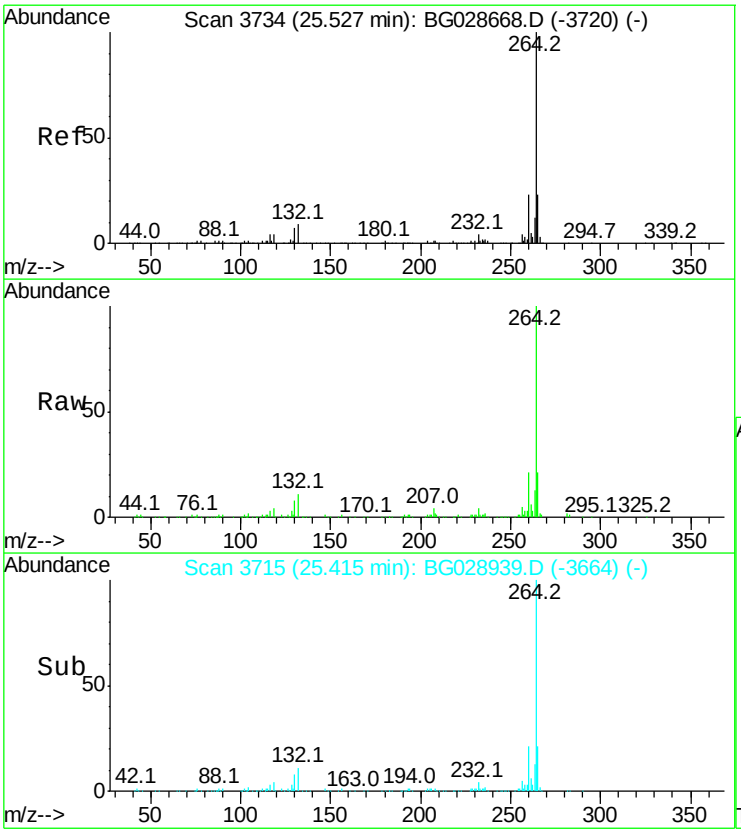
#78
Terphenyl-d14
Concen: 104.960 ng
RT: 20.23 min Scan# 2833
Delta R.T. 0.00 min
Lab File: BG028939.D
Acq: 26 Sep 2017 11:49

Instrument :
BNA_G
ClientSampleId :
092117-SIDI-F-U-M

Tgt Ion:244 Resp: 1391754

Ion	Ratio	Lower	Upper
244	100		
212	8.3	10.0	15.0#
122	7.2	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.42 min Scan# 3715
Delta R.T. 0.00 min
Lab File: BG028939.D
Acq: 26 Sep 2017 11:49

Tgt Ion:264 Resp: 284949

Ion	Ratio	Lower	Upper
264	100		
260	21.4	21.8	32.8#
265	21.2	18.2	27.4